

DUDLEY MBC AIR QUALITY MONITORING STATIONS

Site Name

Central Dudley

Site address

St James Road, Dudley DY1 1HZ

OS Grid Reference

394286 290384

Site Type

Urban Background

Start Date

5 Mar 2015



Monitoring Activities

PM₁₀, monitored using a TEOM 1400ab Analyser

NO, NO₂, NO_x, monitored using an API M200 Chemiluminescent Analyser

This monitoring station was relocated from a previous urban background site which was located 75m north of the current position and operated between August 1999 and February 2015. The monitoring station is housed within a self-contained, air-conditioned enclosure and is located approximately 300m from Dudley town centre. The nearest road is 50 metres away and is used for access to the adjacent car park. The nearest heavily trafficked urban road is approximately 90 metres from the station. The manifold inlet is 3.3 metres above ground level. The site is approximately 195m ASL. The surrounding area comprises municipal buildings, office blocks and retail outlets. Data from this site is representative of typical exposure levels found in urban centres but away from main roads. There are three diffusion tubes at this station, co-located with the NO_x analyser, and this data is used to calibrate the local diffusion tube network.



Central Dudley AQMS



View north



View east



View south



View west